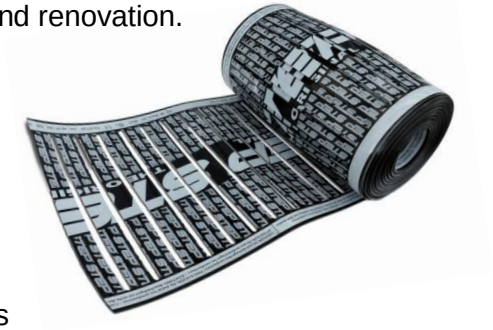
FloorHeat STEP Data Sheet

GENERAL PRODUCT INFORMATION

FloorHeat STEP residential radiant heating elements are designed to provide even and comfortable warmth in a home. These heating elements are ideal for both new construction and renovation.



Features Include:

- Durable – The thin, flexible polymer element is extremely durable.
- Versatile – FloorHeat STEP is compatible with any floor covering including, tile, stone, wood, laminate, resilient and carpet.
- Easy to Install – The heating element can be rolled out and cut to size on the job site. It can also be nailed or stapled through, facilitating quick, easy installation.
- Self-regulating – As the element gets warmer less electricity passes through it, preventing the element from overheating and optimizing energy-efficiency.
- Maintenance Free

FloorHeat Mats

The low-voltage FloorHeat system features a flat 12-inch-wide, self-regulating heating mat that is easy to install, maintenance free and energy efficient.

FloorHeat STEP Specifications

Model	EP-30-25W-24V
Heating Element Type	120V, 240V
Output	Positive Temperature Coefficient (PTC) semi-conductor polymer
Width	12 inches (305 mm)
Length	Cut to order
Maximum Element Length	29 feet (8.8 m)
Weight	0.23lb/ft (0.34 kg/m)
Thickness	3/64-inch (1.2 mm)
Output Wattage (at 24VAC)	7.8 W/ft (25 W/m) @ 68°F (20°C) 6.8 W/ft (22 W/m) @ 86°F (30°C)
Nominal Resistance	74 ohms/ft (20 ohms/m) @ 68°F (20°C)
Primary Draw on 230V	0.034 amps per foot (0.305)

Thermostat Specifications

Normal Operation	The Touch digital display indicates the measured room temperature during normal operation
Internal Ambient Temp Range	0°-99˚F (-9°-37˚C)
External Sensor Temp Range	0°-99˚F/ (-9°-37˚C)
Internal Sensor Mode Set Temp Range	40°-90˚F (4°-32˚C)
External Sensor Mode Set Temp Range	40°-90˚F (4°-32˚C)
Power	9-24V AC/DC @ 12mA max



WARRANTY INFORMATION

FloorHeat Element: 20-year limited warranty.
Thermostat: 2-year limited warranty.

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